

CLIMATOLOGICAL DATA FOR DECEMBER, 1912.

DISTRICT NO. 1, NORTH ATLANTIC STATES.

Prof. WILFORD M. WILSON, District Editor.

GENERAL SUMMARY.

December, 1912, was strikingly similar in its weather conditions to December, 1911, and was one of the most favorable and agreeable winter months ever experienced in the North Atlantic States. In all sections the average temperatures were not more than about one or two degrees below the highest known averages for December. There was remarkable freedom from sudden and decided changes in temperature, and at most stations there were not more than six days when the temperatures were below normal.

The unusually warm weather and the shortness of the storm periods gave splendid opportunities for carrying on all kinds of outdoor work. The precipitation was light before the 19th, so that highways remained in remarkably good condition until that date, but in the coast regions from New Jersey northward the storms that came later in the month made the total precipitation considerably more than the usual amount for December.

The heaviest snowfall of the season up to the time of this writing occurred on the 24th; the amounts varied from 2 or 3 inches at interior stations to about 18 or 20 inches at some of the stations near the coast in New York and adjacent States. However, the greater part of this snow was melted within three days after it fell.

The following table exhibits the leading features of meteorological interest for the various sections of the district:

States, or parts of States, within district No. 1.	Temperature.				Precipitation.				Average number of	
	Average.	Departure.	Highest.	Lowest.	Average.	Departure.	Greatest total.	Least total.	Rainy days.	Clear days.
New England.....	31.7	+5.4	69	-15	4.34	+1.07	7.44	1.21	8	13
New York.....	32.6	+6.2	67	-5	3.32	+0.02	7.27	1.21	9	10
Pennsylvania.....	34.5	+4.1	71	-4	3.63	+0.49	6.48	1.12	8	11
New Jersey.....	36.9	+3.7	68	-1	4.73	+0.90	6.33	3.40	9	12
Maryland, Delaware, and District of Columbia.....	39.0	+4.0	75	0	3.97	+0.51	5.25	1.81	9	14
West Virginia.....	35.3	+3.1	73	-6	2.58	-0.39	3.75	1.45	7	10
Virginia.....	39.1	+3.7	75	3	3.33	+0.42	3.95	2.81	9	12

TEMPERATURE.

The average temperature for the district was nearly 35° , which is about 5° above the December normal. The means reported ranged from 17.1° at Van Buren, Me., to 46.4° at Eastville, Va. The excess in temperature varied from about 3° in some parts of the district to more than 7° in others. Temperatures were well above the seasonal average at nearly all stations except during three brief cold periods, the first of which came on the 8th and 9th, the second on the 12th and 13th, and the third about the 26th. The lowest temperatures of the month occurred in one or another of these three periods in practically all parts of the district, chiefly on the 9th in the northern sections and on the 26th in the southern. Temperatures of zero or below occurred at only 9 stations

in Maine, 2 in New Hampshire, 3 in Vermont, 2 in Connecticut, 3 in New York, 5 in Pennsylvania, 3 in New Jersey, 2 in West Virginia, and 1 in Maryland, and were observed at none of the stations in Virginia, Delaware, Rhode Island, or Massachusetts.

On the warmest day, the 6th, the temperatures were about 20° above the normal, and in some cases the maximum temperatures on that date exceeded all December records. Readings of 65° or over were observed on the 6th at numerous points throughout the district, except in the northern New England States.

PRECIPITATION.

The number of days with measurable precipitation varied at different stations from 4 to 18, and a similar lack of uniformity appears in the total amounts for the month, quite a number of stations receiving less than 2 inches, while not less than 19 reported totals exceeding 6 inches. The period extending from the 7th to the 17th, inclusive, was remarkably free from rains and snows, making the month seem unusually agreeable, yet fully two-thirds of the stations in the district recorded more than the normal amount of precipitation for December. Rain or snow was quite general on six dates, the 2d, 6th, 19th, 24th, 27th, and 30th. The precipitation on other dates was of little importance, being light and scattered, except that in some sections storms on dates given above covered in addition a preceding or following day.

The snowfall was light to moderate in amount and caused merely temporary interruption to traffic, as the mild weather did not permit much snow to remain unmelted long. Light snows fell on numerous dates in the northern States, but in Maryland, Delaware, New Jersey, and Virginia there was practically no snowfall except on the 24th, on which date heavy snow fell in nearly all parts of the district. At many stations in Delaware, New Jersey, and New York, the snowfall of that date exceeded 10 inches; at Scarsdale, N. Y., it amounted to 20 inches.

RIVER CONDITIONS.

Owing to the deficiency in precipitation during November and more than the first half of December, rivers reached moderately low stages before the occurrence of the heavier storms that came toward the end of the month. Hence, no floods resulted notwithstanding the mild character of the weather. Moreover, the precipitation was not much above the normal December amount, except near the coast, where the principal rivers received only a small portion of the run-off.

SUNSHINE.

The average number of hours of sunshine for representative stations was 142. The percentage of the possible sunshine averaged 54, the same as in the preceding month, and ranged from 65 at Atlantic City, N. J., to 35 at Albany, N. Y. The average number of clear days for all stations was 12, of partly cloudy days 9, and cloudy days 10.

TABLE 1.—Climatological data for December, 1912. District No. 1, North Atlantic States.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.				Precipitation, in inches.				Sky.	Prevailing wind direction.	Observers.						
				Mean.	Departure from the normal.	Highest.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmetted.	Number of rainy days, 0.1 inch or more.	Number of partly cloudy days.	Number of clear days.	Number of partly cloudy days.	Number of partly cloudy days.		
<i>Maine.</i>																				
Bar Harbor.	Hancock.	20	26	30.6	+ 3.8	60	6	7	22+	43	6.47	+ 1.78	2.05	5.5	10	16	7	8	nw.	
Cornish.	York.	778	57	31.4	+ 6.2	58	6	5	25	40	4.09	+ 0.46	1.03	10.8	7	13	10	8	sw.	
Eastport.	Washington.	53	40	28.7	+ 3.4	50	3	1	13	31	5.83	+ 1.86	1.64	6.9	14	11	6	14	sw.	
Fairfield.	Somerset.	90	27	26.2	+ 4.5	50	3	4	23	31	3.69	+ 0.79	1.25	8.2	5	14	7	10	sw.	
Farmington.	Franklin.	450	15	25.8	+ 8.3	52	7	3	9	27	2.65	- 0.74	0.88	9.5	6	12	6	13	nw.	
Gardiner.	Kennebec.	163	20	30.8	+ 7.1	59	3	2	25	45	3.65	- 0.05	0.91	8.0	11	16	1	14	sw.	
Greenville.	Piscataquis.	1,140	8	22.2	-	47	7	- 5	9	36	2.14	- 0.72	0.60	8.0	8	-	-	-	sw.	
Houlton.	Aroostook.	362	10	26.4	-	45	5†	- 8	13	38	2.30	- 0.03	1.00	12.0	6	21	2	8	n.	
Lewiston.	Androscoggin.	185	38	28.6	+ 5.2	51	3	6	9	33	3.92	- 0.22	1.04	11.1	9	14	10	7	nw.	
Madison.	Somerset.	257	9	23.2	-	50	7	- 8	29	40	3.25	+ 0.06	0.91	6.8	7	22	0	9	w.	
Millinocket.	Penobscot.	386	9	23.0	-	46	3†	- 4	13	40	2.74	- 0.28	0.93	8.5	9	14	2	15	nw.	
North Bridgton.	Cumberland.	450	19	29.6	+ 5.9	56	6	5	9	36	2.62	- 0.52	0.90	8.0	5	11	11	9	sw.	
Orono.	Penobscot.	129	43	27.8	+ 6.5	52	3	- 5	29	40	2.42	- 0.35	0.81	10.0	7	10	10	11	nw.	
Patten.	do.	550	10	20.24	-	504	5	- 6d	13	42	1.21	- 0.60	0.60	4.4	4d	-	-	-	agricultural exp. station.	
Portland.	Cumberland.	99	41	32.3	+ 4.8	58	6	9	9	27	4.16	+ 0.48	1.10	4.7	8	14	8	9	sw.	
Presque Isle.	Aroostook.	3	20.0	-	-	58	4	- 15	13	52	2.02	-	0.70	8.5	6	17	2	12	nw.	
Rumford Falls.	Oxford.	505	19	27.0	+ 5.5	53	6	3	9	28	2.54	- 0.38	0.76	7.8	7	13	12	6	nw.	
Van Buren.	Aroostook.	9	17.1	-	-	39	3†	- 15	13†	37	2.42	-	0.93	2.2	8	12	3	16	s.	
Winslow.	Kennebec.	90	17	28.8	-	51	3	- 1	29	39	2.46	- 0.45	0.99	8.3	6	16	2	13	sw.	
<i>New Hampshire.</i>																				
Alstead Center.	Cheshire.	1,120	8	29.5	+ 6.2	58	6	4	9	32	3.66	+ 0.79	1.15	13.0	9	17	4	10	sw.	
Benton.	Grafton.	3	27.2	-	-	56	6	- 4	9	33	3.35	-	1.53	18.5	10	19	3	9	nw.	
Bethlehem.	do.	1,470	20	26.2	+ 5.6	56	6	- 6	9	40	2.64	+ 0.32	0.66	10.0	12	10	11	10	w.	
Concord.	Merrimack.	350	52	31.8	+ 5.4	61	6	8	9	35	3.71	+ 0.36	1.23	6.7	7	11	10	10	nw.	
Durham.	Stafford.	88	17	29.9	+ 1.6	55	6	7	9	32	3.84	+ 0.97	1.06	5.0	5	14	9	9	sw.	
Franklin.	Merrimack.	440	13	31.0	+ 7.4	60	6	9	36	3.84	+ 0.68	1.96	10.5	8	13	8	10	nw.		
Grafton.	Grafton.	863	26	28.1	+ 6.3	58	6	2	9	36	3.12	+ 0.81	0.84	11.0	7	16	4	11	nw.	
Hanover.	do.	603	75	29.2	+ 7.8	62	6	2	9	34	2.60	+ 0.22	0.65	8.0	10	8	9	14	nw.	
Keene.	Cheshire.	506	27	30.2	+ 4.6	58	6	2	25	32	3.93	+ 1.19	1.20	8.0	9	9	9	9	sw.	
Nashua.	Hillsboro.	125	27	32.9	+ 5.2	64	6	7	25	31	3.82	+ 0.45	1.05	7.0	7	11	15	5	sw.	
Newton.	Rockingham.	24	32.5	+ 4.8	64	6	8	9	33	3.84	+ 0.99	1.04	3.5	7	11	15	5	sw.		
Plymouth.	Grafton.	500	24	28.2	+ 6.0	59	7	4	9†	35	3.47	+ 0.30	1.07	9.5	7	16	0	15	w.	
<i>Vermont.</i>																				
Bloomfield.	Essex.	5	23.9	-	-	53	7	- 10	22	43	2.43	-	0.70	7.0	11	12	7	12	s.	
Cavendish.	Windsor.	910	9	29.6	-	62	6	3d	9	35	2.04	-	6.0	-	-	-	-	Lyman Falls Power Co.		
Chelsea.	Orange.	840	17	27.4	+ 6.2	65	6	- 3	9	41	2.32	+ 0.27	0.65	6.0	7	10	9	12	w.	
Manchester.	Bennington.	980	13	31.0	-	60	6	5	9	34	3.59	-	1.05	7.5	7	4	9	18	sw.	
Somers.	Windham.	2,096	-	28.2	-	57	6	5	25	33	6.36	-	1.10	23.9	15	8	7	16	sw.	
St. Johnsbury.	Caledonia.	711	19	26.7	+ 6.0	56	7	- 1	24	34	2.97	+ 0.72	0.58	9.4	12	11	8	12	nw.	
Woodstock.	Windsor.	700	20	30.6	+ 9.1	60	6	6	9	37	3.00	+ 0.47	0.73	9.5	6	8	4	19	sw.	
<i>Massachusetts.</i>																				
Amherst.	Hampshire.	222	23	33.1	+ 5.8	65	6	3	25	37	4.04	+ 0.53	1.37	5.0	8	13	7	11	sw.	
Blue Hill.	Norfolk.	640	28	35.1	+ 5.3	64	6	11	9	29	5.73	+ 2.28	1.38	10.1	11	12	8	11	sw.	
Boston.	Suffolk.	124	42	38.5	+ 6.9	69	6	15	9	27	5.36	+ 1.95	1.51	9.2	7	12	9	10	w.	
Chestnut Hill.	do.	124	32	37.9	+ 7.5	68	6	12	25	42	5.20	+ 2.00	1.28	6.2	9	23	0	8	sw.	
Clinton.	Worcester.	370	16	33.4	-	62	6	12	8	31	5.03	-	1.32	6.1	8	20	1	10	sw.	
Concord.	Middlesex.	139	22	33.4	+ 6.0	67	6	4	25	35	4.85	+ 1.51	1.29	7.4	9	9	13	9	sw.	
Fall River.	Bristol.	200	46	37.1	+ 2.9	60	6	15	9	26	5.95	+ 2.52	1.30	10.5	7	3	21	7	sw.	
Fitchburg.	Worcester.	550	29	34.1	+ 5.6	64	6	10	9	32	3.91	+ 0.36	0.35	5.0	8	19	6	6	w.	
Framingham.	Middlesex.	160	32	35.9	+ 5.6	66	6	11	9	34	5.02	+ 1.39	1.27	7.1	8	-	-	-	met. water board.	
Hyannis.	Barnstable.	31	21	-	-	66	-	-	-	-	7.44	-	3.94	-	11.0	-	-	-	c. f. sleeper.	
Lawrence.	Essex.	51	28	33.5	+ 4.9	63	6	10	25	31	4.53	+ 1.32	1.32	6.0	7	11	14	6	w.	
Lowell.	Middlesex.	100	27	36.0	+ 7.2	64	6	10	25	30	4.38	+ 0.83	1.26	7.5	7	10	11	10	sw.	
Middleboro.	Plymouth.	53	26	34.6	+ 3.6	63	6	0	25	38	6.09	+ 2.88	1.41	8.7	9	15	4	12	sw.	
Nantucket.	Nantucket.	15	26	40.4	+ 3.7	57	2	20	9	25	6.25	+ 2.61	1.56	8.7	9	19	1	11	nw.	
New Bedford.	Bristol.	88	100	38.2	-	58	2	16	9	27	6.93	-	1.64	12.0	8	-	-	-	ruby h. marty.	
Norfolk.	Plymouth.	244	9	-	-	60	7	14	9†	30	5.57	-	1.32	7.0	8	16	3	12	w.	
Plymouth.	Plymouth.	27	34.4	-	-	60	7	14	9†	30	5.57	-	1.32	7.0	8	16	3	12	w.	
Provincetown.	Barnstable.	40	25	39.2	+ 4.1	56	6	19	9	26	5.20	+ 1.48	1.28	8.0	11	20	0	11	sw.	
Rockport.	Essex.	25	10	37.4	-	66	6	14	9†	34	5.95	-	1.24	7.3	11	14	3	14	sw.	
Rutland.	Worcester.	1,160	10	30.7	-	60	6	6	8	32	4.95	-	1.24	7.3	11	14	3	14	sw.	
Turners Falls.	Franklin.	200	21	34.2	+ 8.7	66	6	3	13	9	33	4.16	+ 0.87	1.35	7.5	6	2	20	9	sw.
Westboro.	Worcester.	298	38	35.8	+ 5.6	65	6†	14	13	37	4.47	+ 1.19	1.40	7.5	6	-	-	-	state sanatorium.	
Williamsstown.	Berkshire.	711	31	32.6	+ 4.7	61	6	9	9	25	3.59	+ 0.35	1.07	11.2	10	5	11	15	sw.	
Worcester.	Worcester.	518	20	34.0	+ 4.4	67	6	12	9	25	4.10	+ 0.95	1.04	9.3	8	14	6	11	sw.	
<i>Rhode Island.</i>																				
Block Island.	Newport.	26	32	41.0	+ 4.4	57	2	18	9	23	5.66	+ 1.84	1.54	5.5	7	10	8	13	sw.	
Bristol.	Bristol.	53	26	38.5	+ 4.9	58	6	17	9	27	6.14	+ 2.83	1.48	10.0	7	16	10	5</		

TABLE 1.—Climatological data for December, 1912. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.							Sky.	Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Dale.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unadjusted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
<i>New York.</i>																					
Addison.	Steuben.	1,000	22	34.4	+ 5.9	65	6	9	28	37	1.32	- 0.83	0.42	4.5	9	8	7	16	sw.	Dr. H. R. Ainsworth.	
Albany.	Albany.	97	91	34.2	+ 6.7	64	6	10	9	26	2.39	- 0.18	0.82	5.5	10	7	9	15	s.	U. S. Weather Bureau.	
Alfred.	Allegany.	1,976	17	31.2	+ 5.6	59	6	6	9	28	2.31	- 0.40	0.67	7.7	11	2	12	e.	Jerome F. Davis.		
Amsterdam.	Montgomery.	277	8	31.0	.....	62	6	5	9	34	2.45	.....	0.50	7.0	7	17	2	12	s.	Emery Elwood.
Athens.	Greene.	90	10	35.4	+ 8.3	64	6	14	9	29	3.22	- 0.42	0.87	5.2	8	12	13	6	s.	E. C. Brooks.	
Ballston Lake.	Saratoga.	400	8	30.6	.....	63	6	5	25	37	2.59	.....	0.62	6.9	11	10	8	13	s.	George R. Schaefer.
Bedford.	Westchester.	450	21	34.0	+ 3.6	63	6	9	25	32	4.55	+ 0.88	1.16	8.5	15	10	6	6	w.	Dr. L. Rosenberg.	
Beerston.	Delaware.	1,214	9	30.8	.....	62	6	5	13	36	3.12	.....	0.81	6.2	10	8	5	18	w.	John Q. Barlow.
Binghamton.	Broome.	875	21	33.6	+ 5.9	65	6	12	13	28	1.57	- 0.87	0.61	4.5	10	3	8	20	w.	U. S. Weather Bureau.	
Bouckville.	Madison.	1,350	15	29.8	+ 7.3	60	6	1	9	39	2.57	- 1.13	0.49	13.5	13	5	9	17	sw.	L. W. Griswold.	
Boyd's Corners.	Putnam.	560	30	4.46	+ 0.24	Do.	Thomas Manning.
Carmel.	do.	500	20	32.4	+ 3.7	65	6	8	26	30	4.39	+ 0.12	1.09	5.5	8	19	3	9	sw.	Morton R. Tank.	
Chatham.	Columbia.	470	11	34.1	+ 9.3	64	6	8	9	32	3.05	- 0.40	0.85	6.0	10	10	6	15	s.	Miss Elizabeth C. Keese.	
Cooperstown.	Otsego.	1,250	53	31.1	+ 6.5	60	6	8	9	29	3.05	+ 0.18	0.70	5.5	9	19	8	4	n.	A. M. Hollister.	
Corinth.	Saratoga.	542	10	.....	.....	.....	.....	.....	.....	.....	2.77	.....	1.05	.....	.....	.....	.....	.....	.....	F. G. Baker.
Cortland.	Cortland.	1,129	50	33.8	+ 7.6	65	6	13	9	35	2.22	- 0.89	0.72	6.4	15	7	9	15	sw.	William A. Fleet.	
Cutchogue.	Suffolk.	32	13	33.9	+ 5.6	64	6	17	13	25	2.20	+ 1.85	1.91	15.0	9	10	6	10	sw.	B. D. Crandall.	
De Ruyter.	Madison.	1,300	9	31.6	+ 6.4	65	6	8	9	40	2.65	- 0.34	0.65	9.4	10	13	3	15	s.	Thurber A. Brown.	
Elmira.	Chemung.	863	29	33.8	+ 4.8	64	6	13	9	30	1.33	- 1.09	0.36	4.0	7	11	4	16	sw.	Victor J. Gennett.	
Ephratah.	Fulton.	692	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Prof. C. F. Williams.
Glens Falls.	Warren.	340	21	30.6	+ 6.9	62	6	6	9	34	3.17	- 0.23	0.87	4.5	8	7	2	22	sw.	W. L. McClean.	
Gloversville.	Fulton.	850	20	29.4	+ 6.5	61	6	3	9	34	3.17	- 0.66	0.74	11.0	9	8	10	13	w.	S. E. Darrow.	
Greenfield Center.	Saratoga.	314	14	30.2	+ 7.0	60	6	5	9	22	3.55	+ 0.36	0.90	5.0	7	8	11	12	s.	Homer J. Whitcomb.	
Greenwich.	Washington.	425	15	32.2	+ 8.4	61	6	8	9	40	3.39	+ 0.42	0.84	7.5	8	12	13	6	w.	Harold O. Judd.	
Griffin Corners.	Delaware.	2,260	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. G. Collins.
Haskinville.	Steuben.	17	1.21	- 0.90	0.30	6.6	9	Charles C. Mortimer.
Homer.	Cortland.	1,096	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Sanford L. Cluett.
Hoosick Falls.	Rensselaer.	410	10	2.80	0.55	4.0	10	Lester Sevier, jr.
Indian Lake.	Hamilton.	1,705	13	26.4	+ 7.0	58	6	- 5	1	45	.....	.....	.....	.....	.....	12	9	10	w.	Charles Wilfert, jr.
Jeffersonville.	Sullivan.	1,240	9	31.5	.....	62	6	2	26	45	4.00	.....	1.02	5.0	8	12	9	10	w.	Dr. H. M. King.
Liberty.	do.	2,300	30	29.4	+ 5.5	48	2†	4	12	32	.....	.....	.....	.....	14	2	15	nw.	O. J. Dempster.	
Little Falls.	Herkimer.	924	14	30.0	+ 6.7	60	6	2	9	23	2.31	- 0.91	0.90	10.0	12	6	12	9	w.	A. K. Smiley.	
Mohonk Lake.	Ulster.	1,245	16	33.4	+ 7.2	61	6	10	9	27	4.63	+ 0.98	1.08	4.0	7	6	16	9	w.	Theo. C. Reimonda.	
Morehouseville.	Hamilton.	1,697	10	24.4	.....	62	6	- 4	9	42	6.02	.....	1.55	24.5	17	14	6	11	w.	Prof. I. M. Charlton.
Morrisville.	Madison.	1,325	0	30.6	.....	62	6	6	9	30	.....	.....	.....	.....	10	14	7	12	s.	F. W. Tooker.
Mount McGregor.	Saratoga.	1,060	0	30.8	.....	60	6	7	9	24	.....	.....	.....	.....	10	14	7	12	s.	W. A. Cornelius.
Mount Hope.	Westchester.	200	15	36.8	+ 6.2	62	6	17	9†	24	5.82	+ 1.96	1.74	16.0	7	6	17	8	.....	Lyman D. Clinton.
New Berlin.	Tioga.	825	5	.....	.....	.....	.....	.....	.....	.....	2.07	- 0.36	0.66	4.5	8	.....	.....	.....	.....	Chas. F. Sarle.
New Lisbon.	Otsego.	1,234	22	29.1	+ 5.5	61	6	6	9	36	2.43	.....	0.80	7.7	8	.....	.....	.....	.....	G. A. Yates.
New York City.	New York.	314	87	38.5	+ 4.1	63	6	17	9	23	4.24	+ 0.79	1.17	11.8	9	9	12	10	nw.	U. S. Weather Bureau.	
North Creek.	Warren.	1,002	4	29.4	.....	63	6	1	9	35	1.85	.....	0.70	3.0	5	12	8	11	w.	W. G. Kenwell.
Northville.	Fulton.	742	10	.....	.....	.....	.....	.....	.....	.....	3.70	.....	1.22	8.0	6	.....	.....	.....	.....	P. C. Pickard.
Oneonta.	Otsego.	1,112	18	33.2	+ 6.0	62	6†	11	9	24	2.29	- 0.86	0.62	8.2	9	5	9	17	sw.	H. W. Lee.	
Oxford.	Chenango.	916	47	31.1	+ 5.5	46	6†	11	26†	28	3.32	+ 0.25	0.88	11.5	13	4	12	15	w.	J. P. Davis.	
Oyster Bay.	Nassau.	40	8	40.3	.....	65	7	18	9	33	4.28	.....	1.53	2.3	6	21	0	10	sw.	Prof. Thomas Colby.
Port Jervis.	Orange.	470	23	33.5	+ 5.1	65	6	5	26	34	4.03	+ 0.51	1.01	6.0	10	11	13	7	sw.	W. H. Nearpass.	
Roslyn.	Nassau.	215	0	37.4	.....	61	6†	12	9†	33	5.62	.....	1.70	13.0	19	17	4	10	sw.	C. H. Hechler.
Salisbury.	Herkimer.	1,526	15	26.0	+ 5.5	49	2†	- 2	9	37	3.72	+ 0.61	0.95	14.0	12	13	10	8	w.	O. J. Dempster.	
Searsdale.	Westchester.	200	8	36.4	.....	64	6	15	12	26	3.57	.....	2.00	29.0	7	18	5	8	w.	C. H. Wilmarth.
Setauket.	Suffolk.	40	27	39.0	+ 4.5	63	6	20	9†	26	4.95	+ 0.98	1.55	9.0	7	15	7	9	sw.	Selah B. Strong.	
Sherburne.	Chenango.	5	11	38.3	+ 5.9	58	2	17	13†	27	7.27	+ 1.91	1.63	15.0	9	16	8	7	sw.	E. B. Collins.	
Southampton.	Suffolk.	36	11	38.3	+ 5.9	58	2	17	13†	27	6.97	+ 1.91	1.63	15.0	9	16	8	7	sw.	W. L. Jagger.	
Southeast Reservoir.	Putnam.	310	7	.....	.....	.....	.....	.....	.....	.....	4.65	+ 0.46	.....	.....	.....	.....	.....	.....	.....	Thomas Manning.
South Edmeston.	Otsego.	1,300	0	30.5	.....	61	6	7	9	32	2.52	.....	0.84	10.5	11	9	5	17	sw.	H. F. Bilderbeck.
Spier Falls.	Saratoga.	400	11	30.2	+ 6.8	66	6	5	8	40	3.71	+ 0.17	1.01	7.0	8	5	17	9	w.	George E. Fifeild.	
Trenton Falls.	Oneida.	751	9	.....	.....	.....	.....	.....	.....	.....	3.41	.....	0.90	15	.....	.....	.....	.....	.....	C. W. Young.
Tribeshill.	Montgomery.	268	9	.....	.....	.....	.....	.....	.....	.....	3.10	.....	1.20	6.0	5	12	5	10	w.	R. S. Marshall.
Utica.	Oneida.	537	46	.....	.....	.....	.....	.....	.....	.....	3.55	+ 0.22	0.73	11	.....	.....	.....	.....	.....	W. E. Young.
Wading River.	Suffolk.	112	6	37.8	.....	66	6	9	25	31	6.97	.....	2.02	18.0	8	20	1	10	s.	H. B. Fullerton.
Wappingers Falls.	Dutchess.	110	22	35.2	+ 7.1	62	6	14	24	26	4.41	+ 0.56	1.42	10.0	8	11	12	8	se.	H. C. Townsend.	
Warwick.	Orange.	538	18	.....	.....	.....	.....	.....	.....	.....	3.57	+ 0.51	1.10	8.0	8	15	8	8	s.	John W. Sly.
Waverly.	Tioga.	824	30	33.6	+ 5.6	67	6	2	29	43	1.81	- 0.72	0.55	7.0	10	2	10	19	sw.	J. F. Shoemaker.	
West Berne.	Albany.	946	9	32.4	+ 6.3	63	6	4	9	36	1.21	- 1.23	0.40	8.0	7	5	9	17	nw.	W. G. Haverly.	
West Point.	Orange.	167	63	37.7	+ 6.4	66	7	15	28	30	5.00	+ 1.48</td									

TABLE 1.—Climatological data for December, 1912. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.				Observers.															
				Mean.			Departure from the normal.			Highest.			Lowest.			Greatest daily range.			Total.			Departure from the normal.			Greatest in 24 hours.			Total snowfall unmeted.			Number of partly cloudy days.		Number of partly cloudy days.		
										Date.			Date.																						
Pennsylvania—Contd.																																			
Reading.....	Berks.....	280	39	36.5	+ 3.7	68	6	9	26	25	4.56	+ 1.21	1.44	10.8	10	9	9	13	nw.	U. S. Weather Bureau.															
Scranton.....	Lackawanna.....	805	12	35.5	+ 5.8	65	6	13	9	27	4.07	+ 1.46	0.84	5.7	10	2	12	17	s.	Do.															
Selinsgrove.....	Snyder.....	455	24	33.8	+ 2.5	66	6	5	25	32	4.01	+ .74	1.14	7.0	9	0	21	10	sw.	J. M. Boyer, C. E.															
State College.....	Center.....	1,191	24	34.2	+ 4.1	64	6	10	13	29	2.32	- 0.60	0.53	8.6	11				sw.	Prof. Wm. Frear.															
Towanda.....	Bradford.....	754	17	33.8	+ 5.0	65	6	8	29	37	1.71	- 0.97	0.70	4.9	8	8	5	18	sw.	Hiram E. Bull, C. E.															
Wellsboro.....	Tioga.....	1,327	35	33.2	+ 4.3	63	6	6	26	42	2.26	- 1.16	0.51	5.0	7	17	6	8	sw.	O. L. White.															
West Chester.....	Chester.....	455	58	37.4	+ 4.1	68	6	16	97	28	5.50	+ 1.53	1.80	9.5	11	7	15	9	sw.	J. C. Green, D. D. S.															
Williamsport.....	Lycoming.....	530	22	37.9	+ 7.6	66	6	10	9	49	2.49	- 0.48	0.61	7.0	8	19	2	10	nw.	Henry H. Guise.															
New Jersey.																																			
Atlantic City.....	Atlantic.....	16	39	41.4	+ 5.0	67	6	19	13	22	4.23	+ 0.49	1.00	4.7	11	12	8	11	w.	U. S. Weather Bureau.															
Bayonne.....	Hudson.....	50	22	38.2	+ 4.8	62	24	18	13	25	5.13	+ 1.61	1.85	12.0	9	14	5	12	w.	Erskine R. Eadie.															
Belvidere.....	Warren.....	289	22	34.1	+ 3.3	58	6	0	26	31	5.77	+ 1.63	1.30	13.5	7	15	3	13	sw.	Samuel J. Hixson.															
Bergen Point.....	Hudson.....	37	15	37.6	+ 4.6	65	6	18	10†	27	5.34	+ 1.35	1.84	14.0	8	8	14	9	nw.	Dr. Wm. H. Mitchell.															
Boonton.....	Morris.....	230	22	33.6	+ 4.1	66	6	7	26	40	5.69	+ 1.59	1.52	10.4	11				sw.	Joseph White.															
Bridgeton.....	Cumberland.....	30	31	39.2	+ 3.6	66	6	10	26	38	3.86	- 0.01	1.00	6.0	7	16	6	9	w.	Henry A. Jorden.															
Burlington.....	Burlington.....	12	26	34	+ 4.3	64	6	24	13	19	3.77	- 0.01	0.91	4.8	13	12	6	11	nw.	D. S. B. McCoy.															
Cape May City.....	Cape May.....	17	34	42.3	+ 4.3	64	6	11	25	33	5.24	+ 0.85	1.15	14.0	6	14	12	5	w.	U. S. Weather Bureau.															
Charlottesville.....	Passaic.....	719	20	34.4	+ 3.8	62	6	26	32	40	5.07	+ 1.39	1.36	10.9	9	20	1	10	w.	George S. Briggs.															
Clayton.....	Gloucester.....	126	19	38.1	+ 4.1	66	6	7	26	40	4.00	+ 0.47	0.95	10.3	8	11	11	9	sw.	Wm. T. Farley.															
Culver's Lake.....	Sussex.....	848	11	32.8	+ 2.7	59	6	8	26	34	6.35	+ 2.21	1.55	15.5	7	5	15	11	sw.	Brice E. Riker.															
Dover.....	Morris.....	600	28	32.8	+ 2.7	59	6	8	26	34	5.56	+ 1.77	1.77	15.0	8	14	9	8	sw.	William C. Harris.															
Elizabeth.....	Union.....	45	33	36.3	+ 2.9	64	6	7	25	35	5.16	+ 1.91	1.63	12.5	9	12	12	7	sw.	Hiram E. Deats.															
Flemington.....	Hunterdon.....	140	24	35.4	+ 3.4	65	6	2	26	32	5.07	+ 1.39	1.63	10.9	8	15	6	10	w.	Charles F. Richardson.															
Haddonfield.....	Camden.....	75	25	37.2	+ 3.9	64	6	12	25	31	5.34	+ 1.69	1.69	12.0	11	12	11	8	sw.	Orville Bassett.															
Hammonton.....	Atlantic.....	103	14	34.5	+ 3.6	64	24	1	26	38	4.75	+ 0.65	1.40	14.0	9				w.	Frank V. Jenison.															
Hightstown.....	Mercer.....	119	20	35.8	+ 3.4	64	6	8	25	34	4.69	+ 0.53	1.47	17.0	7	11	11	9	s.	Charles J. Bates.															
Highwood.....	Bergen.....	90	25	35.8	+ 3.4	64	6	8	25	34	3.49	- 0.17	1.10	11.0	9	18	6	7	nw.	Dr. John Y. Sinton.															
Imlaytown.....	Monmouth.....	107	24	37.2	+ 2.6	64	24	11 ^a	25	32 ^a	4.76	+ 1.51	1.62	12.5	9	12	12	7	sw.	James Armstrong.															
Indian Mills.....	Burlington.....	76	23	37.8	+ 3.8	68	6	5	26	45	4.58	+ 1.71	1.60	11.6	8	9	10	12	w.	Samuel K. Pearson, jr.															
Jersey City.....	Hudson.....	10	14	38.6	+ 4.6	62	6	19	97	24	4.53	+ 0.97	1.60	11.6	8	9	10	12	w.	Ralph Robertson.															
Lakewood.....	Ocean.....	54	10	37.4	+ 3.6	65	6	12	13	30	4.89	- 0.02	1.51	10.6	10				w.	William R. Bowe.															
Lambertville.....	Hunterdon.....	95	25	35.4	+ 2.1	65 ^a	6	7	25	35 ^a	5.18	+ 1.40	1.80	12.0	8	16	6	9	nw.	Warren C. Hursch.															
Layton.....	Sussex.....	550	13	32.5	+ 5.1	59	6	-1	26	35	4.63	+ 0.79	1.42	15.3	8	18	6	7	w.	A. Sweetman.															
Little Falls.....	Passaic.....	175	10	37.8	+ 4.3	67	6	16	13	25	5.49	- 0.31	1.90	8.0	5	13	4	14	w.	William D. Martin, jr.															
Long Branch.....	Monmouth.....	30	5	37.8	+ 4.3	67	6	16	13	25	5.18	+ 1.60	1.57	11.0	11	11	11	9	sw.	George L. Gillingham.															
Moorestown.....	Burlington.....	75	50	37.6	+ 4.3	64 ^c	8	26	32 ^c	34	4.40	+ 0.40	1.32	18.0	9	15	7	12	w.	Prof. William Wiener.															
Newark.....	Essex.....	159	69	38.0	+ 5.0	64	7	16	13	34	5.34	+ 1.54	1.75	14.0	7	10	11	10	sw.	Harry Holcombe.															
New Brunswick.....	Middlesex.....	100	59	36.4	+ 3.3	65	6	7	26	34	5.00	+ 1.25	1.78	12.0	7	10	10	11	sw.	F. Vernon Looze.															
Newton.....	Sussex.....	678	33	34.2	+ 4.9	57	6	13	25†	28	4.92	+ 1.22	1.12	9.0	7	8	5	18	w.	William L. Flick.															
Northfield.....	Atlantic.....	25	5	37.8	+ 4.3	67	6	16	13	25	4.08	- 0.02	0.95	7.0	10	12	8	11	sw.	Heber A. Probert.															
Paterson.....	Passaic.....	80	41	37.6	+ 4.5	63	6	13	26	27	4.40	+ 0.29	1.32	18.0	9	15	7	12	w.	Wilson Smith.															
Phillipsburg.....	Warren.....	363	22	34.2	+ 2.9	62	6	6	26	29	4.69	+ 1.01	1.26	12.2	9	14	6	11	sw.	John Neagle.															
Plainfield.....	Union.....	100	26	35.6	+ 3.7	64	6	9	26	32	5.30	+ 1.41	1.62	14.2	8	6	15	10	sw.	Lincoln Van Gilder.															
Pleasantville.....	Atlantic.....	26	14	34.0	+ 3.7	63	6	7	26	32	3.69	+ 0.02	1.09	4.0	9	12	8	11	w.	M. S. Taylor.															
Pompton Plains.....	Morris.....	195	10	35.2	+ 3.3	66	6	0	26	35	5.04	+ 1.30	1.35	16.0	10				w.	A. A. Macdonald.															
Somerville.....	Somerset.....	60	29	35.2	+ 3.3	66	6	0	26	35	5.06	+ 1.49	1.66	11.4	6	16	6	9	sw.	Dr. Wm. J. Chandler.															
South Orange.....	Essex.....	200	42	36.4	+ 4.4	65	6	14	26	28	4.23	+ 0.40	1.32	14.0	7	11	9	11	sw.	George Dymock.															
Sussex.....	Sussex.....	442	23	34.2	+ 4.4	58	6	12 ^a	25 ^a	32 ^a	4.11	+ 0.37	1.16	7.0	7	11	3	17	sw.	James L. Bennett.															
Trenton.....	Mercer.....	63	41	37.4	+ 1.2	67	6	11	26	34	4.23	+ 0.68	1.70	8.0	9	11	8	12	sw.	Frank R. Austin.															
Tuckerton.....	Ocean.....	23	19	37.8	+ 3.3	68	6	9	26	36	4.06	- 0.22	1.22	7.5	7	12	14	5	nw.	Alfred Chalmers.															
Vineland.....	Cumberland.....	118	43	38.4	+ 4.0	67	6	8	25	40	4.51	+ 0.67	1.37	8.0	11	14	10	7	nw.	Prof. R. D. Maltby.															
Woodbine.....	Cape May.....	43	21	38.9	+ 3.9	67	6	10	25†	39	3.84	- 0.06	0.75	4.2	18																				
West Virginia.																																			
Bayard.....	Grant.....	2,500	10	33.6	+ 4.8	62	6	-1	6	26	52	3.50	- 0.75	0.78	15.5	10	14	6	11	w.	Solomon Clark.														
Burlington.....	Mineral.....	875	17	35.0	+ 2.6	69	6	-4	26	41	1.45	- 1.24	1.00	10.0	4	8	17	6	w.	J. W. Vandiver.															
Franklin.....	Pendleton.....	5	5																																
Lost City.....	Hardy.....	5	55.8																																
Martinsburg.....	Berkeley.....	435	21	35.1	+ 2.5	70	6	7	26	32	3.75	+ 1.15	0.82	8.5	10	11	11	9	s.	B. D. Hinegardner.															
Moorefield.....	Hardy.....	900	15	34.9	+ 1.7	73	6	6	26	38	2.00	- 0.22	0.90	9.0	5	12	16	3	nw.	G. W. Van Metre, C. E. G. C. Fisher.															
Romney.....	Hampshire.....	824	16	35.0	+ 4.0	69	6	7	26	36	3.61	+ 0.80	0.99	9.0	8	10	17	4	w.	E. F. Staub.															
Upper Tract.....	Pendleton.....	1,230	14	37.5*	+ 3.8	66*	6	7	13	41*	1.57	- 0.88	0.55	7.0	6	4	17	10	w.	J. M. Mallow.															
Maryland.																																			
Annapolis.....	Anne Arundel.....	45	40	41.2	+ 4.2	70	7	20	13	27	4.58	+ 0.79	1.18	6.0	9	11	0	20	sw.	U. S. Naval Academy.															
Baltimore.....	Baltimore.....	115	42	40.6	+ 3.7	71	6	20	13	24	4.17	+ 1.09	1.25	4.4	13	10	9	12	sw.	U. S. Weather Bureau.															
Cambridge.....	Dorchester.....	25	41	41.8	+ 4.0	70	6	19	13	30	4.39	+ 0.49	0.98	3.0	10	13	10	8	s.	T. E. Keenan.															
Cheltenham.....	Prince Georges.....	230	12	39.4	+ 5.0	71	6	10	13	32	3.92	- 0.11	0.90	4.0	11	17	6	8	nw.	George Hartnell.															
Chestertown.....	Kent.....	80	27	37.7	+ 2.4	66	5	16	28	25	3.56	+ 0.10	0																						

TABLE 1.—*Climatological data for December, 1912. District No. 1—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days 0.01 inch or more.	Number of partly cloudy days.	Number of cloudy days.		
<i>Maryland—Continued.</i>																			
Salisbury.....	Wicomico.....	23	7	41.9	.....	72	6	15	13	36	4.31	.....	0.90	4.0	13	13	10	8 sw.	W. E. Downing.
Solomons.....	Calvert.....	20	21	42.4	+ 4.2	69	6	22	13	25	3.19	+ 0.37	0.76	3.5	10	8	9	14 s.	Dr. W. H. Marsh.
Sudlersville.....	Queen Anne's.....	65	13	38.8	+ 3.3	67	6	8	25	35	5.25	+ 1.18	1.22	9.0	11	14	7	10 s.	Henry L. Highman.
Takoma Park.....	Montgomery.....	320	14	37.3	+ 4.1	71	5	14	13†	34	4.68	+ 0.46	1.05	4.0	13	3	15	13	L. M. Mooers.
Towson.....	Baltimore.....	465	4	36.9	.....	70	6	11	26	38	4.23	.....	1.35	7.1	8	12	7	12 nw.	C. W. E. Treadwell.
Van Bibber.....	Harford.....	100	18	36.4	+ 2.8	69	6	7	25†	35	4.71	+ 0.63	1.68	9.5	7	18	1	12	W. Benj. Ford.
Westernport.....	Allegany.....	1,000	18	38.6	+ 7.0	70	6	10	26	38	3.08	+ 0.79	0.90	10.6	9	10	8	12	Prof. O. H. Bruce.
Westminster.....	Carroll.....	860	19	37.8 ¹	+ 6.4	69 ^d	6	12 ^d	13†	38 ^d	4.29	- 0.12	1.30	5.0	8	16 ^d	4 ^d	7 ^d	Prof. Geo. F. Morelock.
Woodstock.....	Baltimore.....	392	38	39.4	+ 5.6	69	7	13	26	33	3.63	+ 0.61	1.39	5.0	8	19	2	10	Rev. J. F. Dawson, S. J.
<i>Delaware.</i>																			
Delaware City.....	Newcastle.....	10	10	38.7	.....	66	6	16	26	24	3.90	.....	2.25	4.9	6	15	10	6 nw.	H. Morton Price.
Dover.....	Kent.....	40	24	41.0	+ 4.7	69	6	18	13	31	5.02	+ 1.70	1.57	10.0	8	12	9	10 w.	W. C. Josting.
Milford.....	do.....	20	28	41.2	+ 3.6	69	2†	17	13	32	4.72	+ 1.08	0.96	4.0	10	16	8	7 sw.	Chas. J. Holzmueller.
Millsboro.....	Sussex.....	20	20	42.2	+ 5.4	74	7	15	13	38	3.87	- 0.15	0.85	6.0	9	16	4	11 se.	Rev. L. W. Wells.
Seaford.....	do.....	40	21	40.9	+ 4.3	70	6	16	25	32	3.44	+ 0.05	0.71	4.0	10	14	9	8 s.	E. B. Brown.
Wilmington.....	Newcastle.....	86	1	39.0	.....	67	6	20	13†	25	5.23	+ 1.51	1.54	12.0	9	22	5	4	A. J. Taylor.
<i>District of Columbia.</i>																			
Washington.....	Dist. of Columbia.....	112	42	40.0	+ 3.9	73	6	19	13	31	4.12	+ 0.96	1.12	6.5	12	12	7	12 s.	U. S. Weather Bureau.
<i>Virginia.</i>																			
Culpeper.....	Culpeper.....	450	4	36.6	.....	67	6	7	25	35	3.95	.....	1.85	5.0	8	11	13	7 s.	Col. H. C. Burrows.
Dale Enterprise.....	Rockingham.....	1,350	33	37.4	+ 2.5	71	6	3	26	43	3.51	+ 0.83	1.45	6.0	9	10	15	6 sw.	Rev. L. J. Heatwole.
Eastville.....	Northampton.....	15	2	46.4	+ 4.8	75	6	21	13	34	2.88	- 0.55	0.90	0.5	10	12	9	10 sw.	B. Robertson.
Fredericksburg.....	Spotsylvania.....	100	23	41.2	+ 4.8	73	6	12	13	37	3.17	- 0.27	0.77	2.5	11	16	9	6 sw.	S. G. Howison.
Lincoln.....	Loudoun.....	500	11	36.5	+ 4.7	70	6	5	26	31	3.80	+ 0.45	1.12	5.0	9	12	11	8 nw.	Dr. Geo. Roberts.
Mount Weather.....	do.....	1,726	8	36.2	+ 4.7	66	6	9	9	26	3.52	+ 0.43	.94	5.5	12	9	11	11 nw.	U. S. Weather Bureau.
Quantico.....	Prince William.....	16	15	37.6	+ 4.3	70	6	10	13	31	.....	.....	4.0	7	13	9	9	nw.	R., F. & P. R. R.
Staunton.....	Augusta.....	1,380	20	39.5	+ 2.5	68	6	13	13	29	2.91	+ 0.48	1.41	3.0	11	9	10	12 sw.	Ernest Nothnagel.
Warsaw.....	Richmond.....	160	20	41.6	+ 4.1	68	6	14	13	30	3.05	+ 0.03	1.05	3.0	6	11	9	w.	C. H. Constable.
Winchester.....	Frederick.....	717	1	39.0	.....	70	6	10	26	31	3.73	.....	1.10	7.5	8	13	6	12 w.	Robert L. Glaize.
Woodstock.....	Shenandoah.....	927	16	37.6	+ 3.7	72	6	6	25	37	2.81	+ 0.47	.80	5.5	9	16	7	8 w.	Mrs. A. G. Artz.

*, b, c, etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.

**Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.

†Also on other dates.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for December, 1912. District No. 1, North Atlantic States.*

Stations.	Watershed.	Day of month.																													Total			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
<i>Maine.</i>																																		
Ashland	St. John.	T.	T.	T.	.10		.02																											1.19
Bar Harbor	Coast	.85		T.	.45																													6.47
Cambridge	Kennebec	.25	.22			.25																												3.03
Cornish	Saco	.60				.46	T.	T.																										4.09
Danforth	Penobscot	*	.64			.19																												3.90
Eastport	Coast	1.14	.08	.03		.13	.01	.02																									5.83	
Eustis	Kennebec	T.	.02	.28		T.	.09	T.	T.																								2.58	
Fairfield	do	.58				.31																												3.66
Farmington	do	.23		.01		.31	T.																										2.65	
Gardiner	do	.08	.23	.02		.30																											3.65	
Greenville	do	.22		T.		.17	T.	T.																								2.14		
Houlton	St. John.	.30				.05																											1.00	
Howe Brook	Penobscot	.20																															1.30	
Lewiston	Androscog'n.	.34		.08		.37		.01																								3.82		
Madison	Kennebec	.52				.10	.22																									3.25		
Millinocket	Penobscot	.30		T.	.01	.04		T.																								2.74		
North Bridgton	Saco	.12	.36				.36																									2.62		
Oquossoc	Androscog'n.																																	
Orono	Penobscot		.55			.25																											3.27	
Patten	do	.01																																
Portland	Coast	.64	.05	T.		.41	T.	T.																								1.21		
Presque Isle	St. John.	.12				T.		T.																									4.16	
Rumford Falls	Androscog'n.	.19		T.		.27	T.	T.																								2.02		
The Forks	Kennebec																																2.54	
Van Buren	St. John.		.18			.18		.08																								2.42		
Winslow	Kennebec	.43		*		.28																										2.46		
<i>New Hampshire.</i>																																		
Alstead Center	Connecticut	.19	.33			.37	T.	T.																									3.66	
Benton	do	.27				T.	T.	.06																									3.35	
Bethlehem	do	.07	.11			.19		.05																									2.64	
Brookline	Merrimack	.62				.58																											3.78	
Concord	do	.36				.38	T.																										3.71	
Durham	do	.62				.47																											3.84	
Franklin	do	.25	.14			.57		T.																									3.84	
Grafton	do	.40				.20																											3.12	
Hanover	Connecticut	.34	.05			.24		T.																									2.60	
Keene	do	.47	.05			.49																											3.93	
Nashua	Merrimack	.14				.46	T.																										3.82	
Newton	do	.26				.50																											3.84	
Plymouth	do	.10	.26			.49		T.																									3.47	
<i>Vermont.</i>																																		
Bloomfield	Connecticut	.07	.31			.23		.05																								2.43		
Cavendish	do	.31	T.			.18	T.																										2.04	
Chelsea	do	.40				.21																											2.32	
Manchester	Hudson	.66	.07			.57	T.																										3.59	
Somerset	Connecticut	.34	.73			1.03	T.	T.	.35																						6.36			
St. Johnsbury	do	.08	.32			.49		.07																								2.97		
Vernon	do	.62				.37																											3.26	
Woodstock	do	.65				.16																											3.00	
<i>Massachusetts.</i>																																		
Amherst	Connecticut	.38				T.	.62	T.																									4.04	
Ashland	Merrimack	.64				.41																												
Bakers Bridge	do	.62				.48																											4.14	
Bedford	do	.19	.22			.46																											4.72	
Blue Hill	Coast	.31	.30			.49																											5.73	
Boston	do	.46				.38																											5.36	
Chestnut Hill	do	.50				.43																											5.20	
Clinton	Merrimack	.70				.49		.01																								5.03		
Concord	do	.20	.25			.58																											4.85	
Fall River	Coast	.53				.60																												

TABLE 2.—*Daily precipitation for December, 1912. District No. 1—Continued.*

TABLE 2.—*Daily precipitation for December, 1912. District No. 1—Continued.*

Stations.	Watershed.	Day of month.																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	
New York—Contd.																																		
Wappingers Falls.	Hudson	.52					52											.05	T.	T.	.62	T.												4.41
Warwick	do	.48					30											.05	T.	.45													3.57	
Waverly	Susquehanna	.11					32		.01									.02	T.		.55	T.	T.	T.	.26								1.81	
West Berne	Mohawk	.10					15														.05	T.	T.	T.	.20								1.21	
West Point	Hudson	.93					41												.64	.54													5.00	
Windham	Mohawk	.32		.19	T.		T.											.09		.08	.36	T.											2.16	
Pennsylvania.																																		
Allentown	Lehigh						.60													.01	.83												3.59	
Ansonia	Susquehanna	T.	.36				42	T.	T.	T.	T.								T.	.37		T.											1.79	
Austin	do	.83					66												.03														3.39	
Bethlehem	Lehigh						.06	.40												.10	.37		.17	.15								4.77		
Bloserville	Susquehanna	.56					12	36											T.		.09	.38										3.25		
Browers Lock	Schuylkill	T.	.39																														4.81	
Catawissa	Susquehanna	.63					21	25																								3.43		
Center Hall	do	.25					.02	.50																								1.12		
Clearfield	do	.86					14		.02										T.													2.37		
Coatesville	Coast	.31		.04	.08	.15													.03		.15	.55										4.79		
Doylestown	Schuylkill	.40					10																										5.83	
Drifton	Susquehanna	1.05					10	.40																								5.30		
Emporium	do	.10	T.				.75												.01	.04	.02	.24	T.	T.								2.32		
Ephrata	do	.35		.06	.02	.30																										4.35		
Everett	Juniata	.06					.52																										1.97	
Forks of Neshaminy	Delaware	.45					40																										5.14	
George School	do	.10	.16	.01	.03	.42																										4.40		
Gettysburg	Potomac	.33		.09	.26	.37																										4.51		
Girardville	Susquehanna	1.30					18	32											T.													5.12		
Gordon	do	.25					02																									4.84		
Hamburg	Schuylkill	.27																														4.97		
Hanover	Susquehanna	.30					11	19	24																						3.23			
Harrisburg	do	.41		T.	.41	11													T.													3.83		
Huntingdon	Juniata	.36					08	48																								2.43		
Hyndman	Potomac	.56					32	30																								2.51		
Lancaster	Susquehanna	.17					20																									5.34		
Lansdale	Schuylkill	.23																														4.17		
Lawrenceville	Susquehanna	.50					25	T.											T.												1.80			
Lebanon	do	.38		.02		.30	.17																								4.03			
Le Roy	do	.28					.02	.25											T.													4.84		
Lewisburg	do	.49	.02				.15	.41																							2.84			
Lloyd	do	.51	T.	.10	.63														T.	.01	.42	.01									2.51			
Lock Haven	do	.40					.03	.55																							2.44			
Marion	Potomac	.37		.08	.27	.46																									3.30			
Mauch Chunk	Lehigh	.00	.15				61																								5.52			
Mifflintown	Juniata	.63					.02	.48																							3.18			
Millford	Delaware	.58	.29				66																								4.54			
Montrose	Susquehanna	.50					30	T.											T.											2.10				
Mountain House	Juniata	.60					28	24																						2.88				
Mount Gretna	Susquehanna	.34		.05	.10	.42													T.											4.74				
New Germantown	do	.35		.17	.10																										2.18			
Ottsville	Delaware																														4.41			
Philadelphia	do	.35		.01	.23	.21																									4.74			
Pocono Lake	do	2.30					1.52																								4.48			
Point Pleasant	do	.47					23																								5.07			
Pottsville	Schuylkill	.90					.08	.42											T.											4.80				
Reading	do	.38		.03	.22	.18																								4.56				
Renova	Susquehanna	10		.35																										3.66				
Scranton	do	.82					.11	.41	T.	.01																			4.07					
Seisholtsville	Schuylkill	.58					.52																							5.21				
Selinsgrove	Susquehanna	1.14	.02				.07	.55																						4.48				
Shawmont	Schuylkill	.28					.05	.50																						4.78				
Shippensburg	Susquehanna	.40					.17	.33																						3.61				
Smith's Corners	Schuylkill	.52																													5.08			
Spring Mount	do	.34		.04		.03	.32																							4.67				
State College	Susquehanna	.41					.04	.52	T.	T.	T.							.01	T.	T.	.03	.37	.01	.02					4.23					
Stroudsburg	Delaware	.62		.11			.53											.01												4.52				
Towanda	Susquehanna	.11					T.	.20	T.	T.								.03											4.54					
Weikert	do	.45					.12	.42	T.									.03											2.36					
Wellsboro	do	.51					.08	.39										.03											2.26					
West Chester	Coast	.36					.08	.39											T.											5.50				
Wilkes-Barre	Susquehanna	.72					T.																								2.86			
Williamsport	do	.43					.56																								2.49			
New Jersey.																																		
Atlantic City	Coast	.19		.01	.27	.08																									4.23			
Bayonne	do	.14	.10	</td																														

TABLE 2.—*Daily precipitation for December, 1912. District No. 1—Continued.*

* Precipitation included in that of the next measurement.

[†] Separate dates of falls not recorded.
Precipitation for the 24 hours ending

Precipitation for the 24 hours ending on the morning when it is measured.
 Precipitation is less than 0.01 inch rain or melted snow.

1. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—*Maximum and minimum temperatures for December, 1912. District No. 1.*

Date.	Maine.										Massachusetts.								Providence, R. I.		Connecticut.							
	Eastport.		Greenville.		Orono.		Portland.		Presque Isle.		Rumford Falls.		Concord, N. H.		Amherst.		Boston.		Middle- boro.		Nantucket.		Cream Hill.		Hartford.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	26	19	24	10	40	18	33	23	32	20	29	12	39	22	42	20	41	27	40	16	40	32	42	26	43	25	42	27
2....	50	20	40	4	43	12	52	25	38	13	42	14	56	22	57	27	60	33	58	23	57	35	60	30	53	30	59	31
3....	50	29	46	22	52	37	52	31	40	19	46	24	50	26	52	32	57	42	58	37	55	41	58	37	46	32	58	38
4....	41	31	37	19	42	22	45	30	58	6	43	24	49	25	51	32	43	49	27	50	43	53	39	43	32	50	37	
5....	41	33	42	30	41	25	45	33	35	16	43	31	46	27	44	30	48	41	50	32	40	42	52	46	33	47	39	
6....	49	40	41	30	49	28	58	44	37	16	53	34	61	41	65	39	69	45	63	37	57	47	68	45	61	40	67	41
7....	47	20	47	16	50	28	47	29	49	16	43	24	44	22	40	39	46	34	56	36	53	37	47	32	46	30	45	31
8....	39	20	27	9	41	18	37	29	25	7	34	23	40	22	42	23	49	32	47	18	49	34	48	30	41	23	46	29
9....	35	6	28	-5	40	5	34	9	30	-2	18	3	26	8	28	12	37	15	42	15	45	20	30	14	34	6	31	13
10....	43	16	33	6	41	8	42	24	33	-1	38	13	45	26	44	25	49	30	46	20	51	33	48	29	36	17	47	28
11....	43	36	36	27	45	34	44	38	36	-1	42	31	44	37	42	35	45	40	45	41	51	41	46	39	39	28	44	38
12....	36	5	28	5	46	21	38	17	30	6	33	14	37	18	35	20	40	22	42	25	43	24	39	21	30	17	38	19
13....	20	1	15	-3	30	2	27	14	10	-15	24	11	26	14	28	15	31	18	29	15	36	21	30	17	20	7	28	16
14....	30	20	22	12	31	12	34	22	17	-8	28	12	34	20	33	22	35	28	40	20	41	33	33	29	30	15	41	27
15....	40	29	39	19	41	21	43	28	35	17	37	24	45	20	46	20	51	32	50	16	50	36	49	24	49	26		
16....	41	34	34	30	42	31	46	32	28	10	40	30	43	30	43	32	48	38	47	24	47	38	45	33	40	30	44	33
17....	34	17	33	7	42	18	37	24	35	30	28	16	34	23	40	22	43	39	44	22	43	33	42	28	41	22	44	30
18....	40	17	28	10	37	15	32	27	34	13	32	26	35	29	32	32	45	37	45	29	43	40	35	35	45	32	40	35
19....	50	38	35	28	40	25	41	32	34	26	39	32	42	35	40	34	45	36	46	38	57	39	46	36	46	36	46	36
20....	38	23	35	21	44	4	38	30	36	23	37	27	39	30	37	31	39	35	40	30	41	36	40	33	33	25	38	33
21....	28	10	21	4	38	9	34	16	23	5	22	12	35	20	33	25	42	28	40	27	41	35	42	33	36	24	41	32
22....	12	7	14	3	32	5	25	15	11	0	22	11	32	16	36	22	35	23	37	19	37	35	37	26	35	22	38	27
23....	25	11	20	5	28	8	30	22	17	-3	27	16	31	19	32	23	36	28	34	22	38	30	34	20	30	18	33	27
24....	18	13	14	6	28	4	22	16	12	-2	22	14	24	18	24	12	31	21	32	18	34	26	28	21	26	15	27	20
25....	20	10	22	8	28	2	34	16	19	5	32	16	37	13	40	3	38	21	38	0	34	25	39	19	37	17	41	16
26....	39	20	38	12	36	7	42	21	37	3	32	12	44	9	44	14	48	28	44	6	46	29	46	26	40	21	45	24
27....	41	28	27	19	36	15	35	29	36	19	33	19	35	27	41	35	43	39	49	35	41	33	45	30	46	20	34	29
28....	25	14	25	11	34	21	32	21	25	13	30	14	32	23	35	26	36	29	34	25	37	31	36	20	36	18	34	29
29....	33	13	32	8	34	-5	40	20	25	-1	36	13	42	24	40	26	46	32	42	28	46	34	45	30	39	18	44	28
30....	48	30	32	19	38	18	48	34	34	25	40	24	44	33	46	32	58	40	55	32	54	43	55	39	36	28	53	38
31....	43	36	41	29	50	35	48	39	39	28	43	28	47	34	48	37	52	42	53	33	48	40	49	36	41	26	48	37
Mns..	36.4	21.0	30.8	13.6	39.3	16.2	33.1	25.5	30.3	9.8	34.5	19.5	39.9	23.6	40.8	25.4	45.2	31.8	44.7	24.4	46.5	34.3	44.3	30.4	38.9	23.7	43.4	29.6

Date.	New York.										Pennsylvania.										Atlantic City, N. J.							
	New Haven, Conn.		Addison.		Albany.		Bingham- ton.		Indian Lake.		Little Falls.		New York.		Everett.		Harris- burg.		Philadel- phia.		Scranton.		State College.		Wells- boro.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	45	28	41	15	38	23	40	15	40	-5	30	17	45	35	51	20	44	30	50	35	43	21	55	38	42	14	52	34
2....	58	36	52	34	55	37	53	39	44	23	50	29	60	40	57	36	53	38	62	41	54	39	57	23	60	35	58	49
3....	57	40	54	32	52	30	44	33	46	25	48	30	52	41	56	30	51	39	54	42	49	37	48	32	53	34	57	38
4....	50	38	50	27	50	30	48	34	42	20	44	29	49	38	56	28	47	36	50	39	53	37	51	29	51	38		
5....	52	41	51	27	47	32	47	32	43	20	42	29	51	44	49	41	46	42	50	44	50	39	46	38	50	20	46	46
6....	65	45	65	43	64	42	65	38	58	42	60	38	63	47	68	46	68	45	64	49	65	39	64	42	67	50	50	59
7....	50	34	46	27	44	31	38	30	53	21	40	24	48	35	60	32	45	34	57	36	39	42	55	27	55	38		
8....	47	32	44	25	44	18	42	14	50	22	38	24	44	29	48	20	49	26	45	36	41	39	45	27	50	39		
9....	32	17	38	11	30	18	28	13	33	-4	25	2	30	17	46	17	31	19	36	21	29	13	31	13	37	8		

TABLE 3.—*Maximum and minimum temperatures for December, 1912. District No. 1—Continued.*

Date.	New Jersey.								Martinsburg, W. Va. §§	Maryland.								Millsboro, Del.	Washington, D. C.	Virginia.									
	Bridgeton.		Phillips- burg.		Sussex.		Trenton.			Baltimore.		Darling- ton.		Frederick.		Western- port.					Fredericks- burg.		Staun- ton. §§		Wood- stock.				
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			Max.	Min.	Max.	Min.	Max.	Min.				
1....	55	26	45	23	45	19	52	24	51	26	48	34	46	24	48	24	51	25	64	29	53	27	55	25	57	24			
2....	62	38	57	33	54	32	62	32	59	27	60	43	54	37	54	29	61	32	68	42	59	39	61	31	57	34			
3....	58	37	50	35	54	37	58	39	50	39	52	41	56	35	54	42	54	38	63	42	55	37	59	40	54	31			
4....	50	32	48	33	46	28	48	32	47	33	48	40	48	32	47	32	50	31	54	32	48	36	49	33	55	40			
5....	50	45	48	40	45	36	50	41	45	38	48	46	47	40	47	43	50	44	52	48	49	46	51	45	60	46			
6....	66	49	62	45	58	43	67	46	70	44	71	47	69	45	70	44	70	45	71	51	73	48	68	54	72	44			
7....	58	34	47	28	57	29	57	33	46	39	57	40	65	37	61	38	62	34	74	42	56	36	67	42	51	44			
8....	50	30	43	25	40	23	47	28	49	26	48	37	45	31	47	25	47	25	52	35	49	33	53	32	49	26			
9....	45	20	30	15	41	14	45	17	33	20	37	23	35	19	47	20	42	17	48	24	36	23	43	22	37	20			
10....	48	27	44	21	44	22	46	24	48	20	48	28	40	21	43	20	57	26	49	25	48	28	51	22	49	28			
11....	42	37	43	35	42	33	44	35	45	20	46	41	42	35	47	37	49	39	61	44	46	41	47	42	43	39			
12....	40	24	38	19	41	21	41	24	28	21	43	23	39	22	43	21	49	16	50	21	44	23	43	26	31	19			
13....	36	19	27	16	26	14	32	17	39	18	38	20	32	11	37	16	46	14	37	15	37	19	40	12	39	13			
14....	50	24	42	21	42	21	47	22	50	20	51	29	48	20	49	22	53	24	51	22	51	24	53	22	51	20			
15....	55	24	49	22	51	22	55	24	49	22	48	31	48	24	49	20	55	21	57	23	54	26	59	22	55	22			
16....	54	29	47	31	42	31	53	28	50	22	52	42	51	31	51	30	51	41	55	34	53	33	59	30	55	34			
17....	58	26	38	26	40	27	45	28	42	28	48	35	45	26	45	26	44	27	63	26	53	30	60	26	54	27			
18....	56	45	44	37	41	34	47	39	48	29	51	44	46	38	43	37	47	38	62	39	54	44	58	46	54	39			
19....	54	35	50	32	45	.....	53	36	38	37	52	34	48	35	48	35	48	29	58	33	54	33	58	40	38	33		
20....	47	29	42	30	39	29	45	29	49	24	50	30	45	25	49	24	49	24	52	27	54	23	48	27	51	19			
21....	51	29	42	27	43	28	49	28	43	24	48	34	45	29	44	26	42	24	54	28	49	32	55	32	47	35			
22....	40	24	37	24	40	25	41	25	39	24	39	20	39	22	38	26	48	23	39	25	41	29	52	26	41	23			
23....	40	23	35	23	35	21	39	22	38	24	40	27	37	20	38	22	39	17	41	21	40	21	39	20	35	19			
24....	34	22	31	16	28	22	33	24	37	24	36	27	32	24	35	26	40	25	34	22	35	27	39	27	40	20			
25....	40	20	38	12	41	12	44	12	40	17	44	27	39	15	40	12	58	23	43	18	44	19	47	14	43	18			
26....	48	10	35	6	41	14	45	11	34	7	44	22	37	10	30	5	48	10	55	17	50	19	51	20	45	23			
27....	40	34	37	27	35	25	38	26	40	10	43	36	40	30	40	24	40	29	49	36	43	35	46	35	41	33			
28....	41	29	33	28	36	27	37	28	42	28	44	32	38	25	42	27	41	25	47	30	47	31	51	26	48	24			
29....	48	20	41	15	40	19	48	17	44	20	45	28	44	16	44	18	49	24	54	23	48	25	54	24	52	21			
30....	55	36	42	34	43	30	46	35	50	27	52	38	46	34	47	34	49	35	64	43	54	37	55	38	51	35			
31....	50	29	48	31	45	32	49	32	47	28	48	34	46	27	45	26	55	25	52	29	46	30	53	26	46	27			
Mns.	49.1	29.2	42.4	26.1	42.6	25.7*	47.2	27.6	44.8	25.4	47.7	33.6	44.9	27.1	45.9	26.8	49.8	27.4	53.9	30.5	49.1	30.9	52.0	29.6	48.1	30.9			
																										49.6			
																										25.5			

*^a, ^b, ^c, etc., indicate respectively 1, 2, 3, etc., days missing from the records.

§ § Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.